What is claimed is:

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 A cell ID code generating method in a radio communication system comprising:

receiving candidate codes of a cell ID code from a control center;

selecting one candidate code on the basis of power of a common pilot channel (CPICH) of each cell; and

puncturing the selected candidate code to generate a primary cell ID code.

- 2. The method of claim 1, wherein the control center is a radio network controller (RNC).
 - 3. The method of claim 1, wherein the candidate code is a temporary cell ID code.
 - 4. The method of claim 1, wherein the temporary cell ID code is 8 Hadamard codes with a 16-bit length.
- 5. The method of claim 1, wherein the puncturing is performed in such a manner that the Hamming distance is not reduced.
 - 6. The method of claim 5, wherein, two '0' bits are punctured in the candidate code.
- The method of claim 1, wherein the two zero bits are the first and

the ninth bits of the 16-bit candidate code.

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FBI field.

- 8. The method of claim 7, wherein the two zero bits are the first and the ninth bits of the 16-bit candidate code.
 - The method of claim 1 further comprising:
 checking whether the temporary cell ID codes are long;

checking whether link feedback information (FBI) bits are 2 bits, if the temporary cell ID codes are long,

puncturing the temporary cell ID codes if the FBI bits are 2 bits.

- 10. The method of claim 1, wherein the generating step comprises:

 generating the temporary cell ID codes as the first long code of 16 bits; and
 puncturing the first and ninth bits of the temporary cell ID codes to generate
 a second long code of 14 bits.
 - 11. The method of claim 1 further comprising: transferring the generated primary cell ID code to cells through an uplink

12. A cell ID code generating method in a radio system in which a primary cell is recognized by receiving a primary cell ID code from a terminal (UE), comprising:

receiving a temporary cell ID code from a radio network; and puncturing a specific bit of the temporary cell ID code in a manner that a

minimum Hamming distance is not reduced, to generate a primary cell ID code.

13. The method of claim 12, wherein the temporary cell ID code is 8 Hadamard codes.

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- 14. The method of claim 12, wherein the specific bit is the first and ninth bits of the Hadamard codes with the 16-bit length.
- 15. A cell ID code generating method in a wireless system in which a temporary cell ID code is received from a network, and an identification code of a primary cell is generated and transmitted to a cell, comprising:

generating Hadamard codes; and

puncturing specific bits of the Hadamard codes in such a manner that a minimum Hamming distance is not reduced, to generate a temporary cell ID code.

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- 16. The method of claim 15, wherein the temporary cell ID code is 8 Hadamard codes.
- 17. The method of claim 15, wherein the specific bit is the first and ninth bits of the Hadamard codes with the 16-bit length.
 - 18. A cell ID code generating method in a wireless system in which a primary cell is recognized by receiving a primary cell ID code from a terminal (UE), comprising:
 - receiving a temporary cell ID code from a network;

measuring power of each common pilot channel (CPICH);

selecting one temporary cell ID code assigned to a cell with the strongest CPICH power among temporary cell ID codes;

puncturing the selected temporary cell ID code to generate a primary cell ID code; and

transferring the primary cell ID code to a cell through an uplink FBI field.

- 19. The method of claim 18, wherein the temporary cell ID code is 8 Hadamard codes of 16-bit length.
- 20. The method of claim 18, wherein the puncturing is performed in such a manner that a Hamming distance is not reduced.
- 21. The method of claim 20, wherein two '0' bits are punctured in the temporary cell ID code.
 - 22. The method of claim 20, wherein the two zero bits are the first and the ninth bits of the temporary cell ID code.
- 20 23. The method of claim 18 further comprising: checking whether the temporary cell ID code is long;

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checking whether link feedback information (FBI) bits are 2 bits, if the temporary cell ID code is long,

puncturing the temporary cell ID code if the FBI bits are 2 bits.

24. The method of claim 18, wherein the transmitting step comprises:

assigning the temporary cell ID code as a first long code for the FBI field;

puncturing the first and ninth bits of the temporary cell ID code and assigning a second long code for the FBI field.

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25. A cell ID code generating method in a wireless system in which temporary cell ID codes are received from a network, and a primary cell ID code for a cell identification is transmitted, comprising:

puncturing temporary cell ID codes;

transferring the punctured temporary cell ID codes;

measuring power of common pilot channels (CPICH) of each cell;

selecting a temporary cell ID code assigned to a cell with the strongest CPICH power among the received temporary cell ID codes as a primary cell ID code; and

code; and

transmitting the selected primary cell ID code to a cell through an uplink FBI field.

26. The method of claim 25, wherein the temporary cell ID code is 8 Hadamard codes of 16-bit length.

- 27. The method of claim 25, wherein the puncturing is performed in such a manner that a Hamming distance is not reduced.
- 28. The method of claim 25, wherein two '0' bits are punctured in the temporary cell ID code.

- 29. The method of claim 28, wherein the two zero bits are the first and the ninth bits of the temporary cell ID code.
 - 30. The method of claim 25 further comprising:

checking whether the punctured temporary cell ID codes are long;

checking whether link feedback information (FBI) bits are 2 bits, if the punctured temporary cell ID codes are long,

recognizing a cell with the strongest CPICH power if the FBI bits are 2 bits.

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31. A cell ID code generating method in a wireless system in which a terminal receives temporary cell ID codes of each cell from a network and transfers a primary cell ID code to an active cell,

wherein the temporary cell ID code and the primary cell ID code are transmitted and received by index.

- 32. The method of claim 31, wherein the terminal and cells include a temporary cell ID code table.
- 20 33. The method of claim 31, wherein the temporary cell ID code is a punctured Hadamard code.
 - 34. The method of claim 33, wherein the punctured Hadamard code is a 16-bit Hadamard code with first and ninth bits punctured.
- 25 35. The method of claim 31, wherein the network transfers an index

corresponding to a temporary cell ID code of each cell to each cell and the terminal.

- 36. The method of claim 31, wherein the terminal transfers an index of a temporary cell ID code corresponding to a primary cell ID code to every terminal.
 - 37. A cell ID code identifying method in a wireless system in which a primary cell ID code is received from a terminal and a primary cell is identified, comprising:

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assigning a temporary cell ID code of each cell by a network;
transmitting, in each cell, the allocated temporary cell ID code to a terminal;
receiving a primary cell ID code from the terminal; and

identifying a primary cell by comparing the primary cell ID code with its temporary cell ID code.

- 38. The method of claim 37, wherein the temporary cell ID code and the primary cell ID code are transmitted and received by index.
- 39. The method of claim 37, wherein Preferably, the terminal and the cells include a temporary cell ID code table.
 - 40. The method of claim 37, wherein the temporary cell ID code is a punctured Hadamard code.
- 25 41. The method of claim 40, wherein the punctured Hadamard code is

a 16-bit Hadamard code with first and ninth bits punctured.

42. A cell ID code generating method in a wireless system in which a terminal receives temporary cell ID codes of each cell from a network and transfers a primary cell ID code to an active cell, comprising:

receiving temporary cell ID codes of each cell;

measuring power of a common pilot channel (CPICH) of each cell; and selecting a temporary cell ID code with the strongest CPICH power as a primary cell ID code and transferring it to every cell.

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- 43. The method of claim 42, wherein the terminal and each cell include a temporary cell ID code table.
- the primary cell ID code are transmitted and received by index.
 - 45. The method of claim 42, wherein the terminal transfers the primary cell ID code to every cell.
- 20 46. The method of claim 42, wherein the temporary cell ID code is a punctured Hadamard code.
 - 47. The method of claim 46, wherein the punctured Hadamard code is a 16-bit Hadamard code with first and ninth bits punctured.